

AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, comprising:

determining a current location for a multimedia device using positional information provided by a ~~long-range~~ cellular network or short-range wireless communication medium;

computing location-based authentication data using the positional information;

encoding multimedia content created on the multimedia device with said location-based authentication data by computing a hash value on a combined expression of the multimedia content, said location-based authentication data and identification data including at least one of user identification data and device identification data, wherein said encoding creates a content identity key that authenticates the multimedia content as being created at a certain physical location and time; and

transmitting the encoded multimedia content to a content certification entity via wireless communication, the content certification entity verifying the authenticity of the encoded multimedia content based on the content identity key prior to distribution.

2. (Original) The method of claim 1, wherein the location-based authentication data comprises data indicating the physical location of the multimedia device.
3. (Original) The method of claim 2, wherein the physical location is determined by Global Positioning System (GPS) coordinates.

4. (Original) The method of claim 2, wherein the physical location is determined through a connection to a personal area network.
5. (Original) The method of claim 4, wherein the physical location is determined through a connection to a BluetoothTM terminal.
6. (Original) The method of claim 4, wherein the physical location is determined through a connection to a WLAN terminal.
7. (Original) The method of claim 4, wherein the physical location is determined through a connection to a mobile phone network.
8. (Original) The method of claim 1, wherein the location-based authentication data is date of the content's creation.
9. (Original) The method of claim 1, wherein the location-based authentication data is the time of the content's creation.
10. (Original) The method of claim 1, wherein the location-based authentication data is the content creator's International Mobile Equipment Identification (IMEI).
11. (Original) The method of claim 1, wherein the location-based authentication data is the content creator's International Mobile Subscriber Identification (IMSI).
12. (Original) The method of claim 1, wherein the location-based authentication data comprises one or more of the following: the content creator's physical location, date and

time of content creation, International Mobile Equipment Identification (IMEI), and International Mobile Subscriber Identification (IMSI).

13. (Original) The method of claim 1, wherein the creation of content and encoding are substantially simultaneously executed.

14. (Currently Amended) An apparatus, comprising:

a location device, wherein said location device determines a current location for the multimedia device using positional information provided by a ~~long-range~~ cellular network or short-range wireless communication medium;

a time device, wherein said time device generates data corresponding to the date and time;

at least one storage medium for storing data identifying the multimedia device and at least one encryption algorithm;

a media generation switch, wherein said switch initiates the generation of digital multimedia data and further initiates the at least one encryption algorithm to encode said multimedia data with the location data by computing a hash value on a combined expression of the multimedia data, said location data and identification data including at least one of user identification data and device identification data, wherein said encoding creates a content identity key that authenticates the multimedia content as being created at a certain physical location and time; and

a communication device for transmitting the encoded multimedia content to a content certification entity via wireless communication, the content certification entity verifying the authenticity of the encoded multimedia content based on the content identity key prior to distribution.

15. (Previously Presented) The apparatus of claim 14, wherein the location device is a Global Positioning System (GPS).

16. (Previously Presented) The apparatus of claim 14, wherein the location device is a BluetoothTM terminal.
17. (Previously Presented) The apparatus of claim 14, wherein the location device is a WLAN terminal.
18. (Previously Presented) The apparatus of claim 14, wherein the location device establishes location through a Local Area Network (LAN).
19. (Previously Presented) The apparatus of claim 14, wherein the location device establishes location through a mobile phone network.
20. (Previously Presented) The apparatus of claim 14, wherein the data identifying the multimedia device comprises of an International Mobile Equipment Identification (IMEI) number.
21. (Previously Presented) The apparatus of claim 14, wherein the data identifying the multimedia device comprises of an International Mobile Subscriber Information (IMSI) number.
22. (Previously Presented) The apparatus of claim 14, wherein the at least one encryption algorithm is a hash algorithm.
23. (Previously Presented) The apparatus of claim 14, wherein the digital multimedia data is image data.

24. (Previously Presented) The apparatus of claim 14, wherein the digital multimedia is audio data.
25. (Previously Presented) The apparatus of claim 14, wherein the digital multimedia is video data.
26. (Currently Amended) A method, comprising:
- determining a current location for a multimedia device using positional information provided by a ~~long-range~~ cellular network or short-range wireless communication medium;
 - receiving digital multimedia content created on a multimedia device into a context server through a wireless communication network;
 - receiving location-based authentication data computed using the positional information through a network into an authentication server, wherein the location-based authentication data is correlated with the multimedia device that created the multimedia content;
 - forwarding the correlated location-based authentication data to the context server;
 - and
 - executing an encryption algorithm in the context server, wherein the correlated location-based authentication data is encoded into the multimedia content by computing a hash value on a combined expression of the multimedia content said location-based authentication data and identification data including at least one of user identification data and device identification data, to create a multimedia content identity key that authenticates the multimedia content as being created at a certain physical location and time.

27. (Original) The method of claim 26, wherein the digital multimedia content comprises image data.
28. (Original) The method of claim 26, wherein the digital multimedia content comprises video data.
29. (Original) The method of claim 26, wherein the digital multimedia content comprises audio data.
30. (Original) The method of claim 26, wherein the digital multimedia content comprises video and audio data.
31. (Original) The method of claim 26, wherein the location-based authentication data comprises data indicating the physical location of the multimedia device.
32. (Original) The method of claim 31, wherein the physical location is determined by Global Positioning System (GPS) coordinates.
33. (Original) The method of claim 32, wherein the location-based authentication data further comprises the time and date that the content was created.
34. (Original) The method of claim 32, wherein the physical location is determined through a connection to a personal area network.
35. (Previously Presented) The method of claim 34, wherein the physical location is determined through a connection to a BluetoothTM terminal.

36. (Original) The method of claim 31, wherein the location-based authentication data further comprises the time and date that the content was created.
37. (Original) The method of claim 31, wherein the location-based authentication data further comprises the International Mobile Equipment Identification (IMEI) of the multimedia device.
38. (Original) The method of 31, wherein the location based authentication data further comprises the International Mobile Subscriber Identification (IMSI) of the multimedia device.
39. (Currently Amended) A system, comprising:
- a storage medium;
 - a network interface;
 - a processor, coupled to the storage medium and network interface, said processor, storage medium and network interface configured to:
 - determining a current location for a multimedia device using positional information provided by a cellular network or short-range wireless communication medium;
 - receive digital multimedia content created [[on a]] in the multimedia device into a context server through a wireless communication network;
 - receive location-based authentication data computed using the positional information through a network into an authentication server, wherein the location-based authentication data is correlated with the multimedia device that created the multimedia content;

forward the correlated location-based authentication data to the context server;
and

execute an encryption algorithm in the context server, wherein the correlated location-based authentication data is encoded into the multimedia content by computing a hash value on a combined expression of the multimedia content said location-based authentication data and identification data including at least one of user identification data and device identification data, to create a multimedia content identity key that authenticates the multimedia content as being created at a certain physical location and time.

40. (Original) The system of claim 39, wherein the digital multimedia content comprises image data.
41. (Original) The system of claim 39, wherein the digital multimedia content comprises video data.
42. (Original) The system of claim 39, wherein the digital multimedia content comprises audio data.
43. (Original) The system of claim 39, wherein the digital multimedia content comprises video and audio data.
44. (Original) The system of claim 39, wherein the location-based authentication data comprises data indicating the physical location of the multimedia device.
45. (Original) The system of claim 44, wherein the physical location is determined by Global Positioning System (GPS) coordinates.

46. (Original) The system of claim 45 wherein the location-based authentication data further comprises the time and date that the content was created.
47. (Original) The system of claim 44, wherein the physical location is determined through a connection to a personal area network.
48. (Previously Presented) The system of claim 47, wherein the physical location is determined through a connection to a BluetoothTM terminal.
49. (Original) The system of claim 45, wherein the location-based authentication data further comprises the time and date that the content was created.
50. (Original) The system of claim 44, wherein the location-based authentication data further comprises the International Mobile Equipment Identification (IMEI) of the multimedia device.
51. (Original) The system of claim 44, wherein the location based authentication data further comprises the International Mobile Subscriber Identification (IMSI) of the multimedia device.
52. (Currently Amended) Computer executable software code stored on a computer readable medium, comprising:

code to determine a current location for a multimedia device using positional information provided by a ~~long-range~~ cellular network or short-range wireless communication medium;

code to compute location-based authentication data using the positional information;

code to encode multimedia content created on the multimedia device with said location-based authentication data by computing a hash value on a combined expression of the multimedia content said location-based authentication data and identification data including at least one of user identification data and device identification data, wherein said encoding creates a content identity key that authenticates the multimedia content as being created at a certain physical location and time; and

code to transmit the encoded multimedia content to a content certification entity via wireless communication, the content certification entity verifying the authenticity of the encoded multimedia content based on the content identity key prior to distribution.